

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	813	analyzer and ((chromatograph\$3 or GC) with filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/27 10:55
L2	13	analyzer and (((chromatograph\$3 or GC) with filter) same reactor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/27 11:08
L3	23	analyzer and (((chromatograph\$3 or GC) with reactor) same filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/27 11:16
L4	12	analyzer and (((chromatograph\$3 or GC) with separat\$5) same filter same reactor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/27 12:07
L5	91	sode\$.xa,xp. and combust\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/27 12:21
L6	1363	matson.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/27 12:19
L7	2	6 and 422/83-94.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/27 12:20
L8	0	mateson and 422/83-94.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/27 12:20
L9	0	mateson.in. and 422/83-94.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/27 12:20

## EAST Search History

L10	2	sode\$.xa,xp. and matson.uref.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/27 12:22
L11	2	"4497199".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/27 12:23
L12	86	matson.in. and (electrochem\$ or electroactive)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/27 12:23
L13	17	12 and "422":clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/27 12:24
L15	190	(electrochemical or electroactive) and (combustion pyrolysis) and (filter heater dehumidifier trap) and (chromatograph\$3 or GC)	USPAT	OR	OFF	2006/09/27 13:08
L16	956	(electrochemical or electroactive) and (combustion pyrolysis oxidation reduction) and (filter dryer dehumidifier trap) and ((gas adj chromatograph\$3) or GC)	USPAT	OR	OFF	2006/09/27 13:09
L17	87	(electrochemical or electroactive) and (combustion pyrolysis) and (filter dryer dehumidifier trap) and ((gas adj chromatograph\$3) or GC)	USPAT	OR	OFF	2006/09/27 13:09
L18	18	(electrochemical or electroactive) and (combustion pyrolysis) and (filter dryer dehumidifier trap) and (((gas adj chromatograph\$3) or GC) with separat\$5)	USPAT	OR	OFF	2006/09/27 13:26
L19	120	(detector or sensor) and (combustion pyrolysis) and (filter dryer dehumidifier trap) and (((gas adj chromatograph\$3) or GC) with separat\$5)	USPAT	OR	OFF	2006/09/27 13:38
L20	119	(SO NO CO) and (detector or sensor) and (combustion pyrolysis) and (filter dryer dehumidifier trap) and (((gas adj chromatograph\$3) or GC) with separat\$5)	USPAT	OR	OFF	2006/09/27 13:40

## EAST Search History

L21	80	(SO2 SO3 NO2 NO1 NO3 CO CO2) and (detector or sensor) and (combustion pyrolysis) and (filter dryer dehumidifier trap) and (((gas adj chromatograph\$3) or GC) with separat\$5)	USPAT	OR	OFF	2006/09/27 14:09
L22	78	21 and concentration	USPAT	OR	OFF	2006/09/27 14:10
L23	7	("5612225").URPN.	USPAT	OR	ON	2006/09/27 14:51
L24	1	"5612225".pn. and detector	USPAT	OR	ON	2006/09/27 14:52
S1	383	ionomer adj membrane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/27 10:51
S22	2	"6682638".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 13:30
S23	2	"4820386".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 13:30
S24	18	("4820386").URPN.	USPAT	OR	ON	2006/09/26 17:05
S25	1839	electrochemical adj sensor	USPAT	OR	ON	2006/09/26 14:25
S26	22	S25 and reactor and filter and chromatograph\$3 and substrate and membrane	USPAT	OR	ON	2006/09/26 14:28
S27	22	S25 and reactor and filter and chromatograph\$3 and substrate and membrane and electrode	USPAT	OR	ON	2006/09/26 16:55
S28	1	"6830730".pn.	USPAT	OR	ON	2006/09/26 16:56
S29	1	S22 and chromatograph\$3	USPAT	OR	ON	2006/09/26 16:55
S30	1	S29 and chromatograph\$3	USPAT	OR	ON	2006/09/26 16:56
S31	0	S28 and chromatograph\$3	USPAT	OR	ON	2006/09/26 16:56
S32	14	S24 and (ionomer or naftion)	USPAT	OR	ON	2006/09/26 17:05
S33	14	S24 and (ionomer or naftion or perfluorosulfonic)	USPAT	OR	ON	2006/09/26 17:10
S34	1	"5470448".pn. and electrode and substrate and ionomer	USPAT	OR	ON	2006/09/26 17:29
S35	3183	shen.in.	USPAT	OR	ON	2006/09/26 17:40
S36	0	"6080294".pn. and "4900405".pn.	USPAT	OR	ON	2006/09/26 17:40
S37	2	"6080294".pn. "4900405".pn.	USPAT	OR	ON	2006/09/26 18:12

## EAST Search History

S38	13034	membrane with opening	USPAT	OR	ON	2006/09/26 18:12
S39	18154	membrane with (opening or hole)	USPAT	OR	ON	2006/09/26 18:12
S40	51	S39 and ((electrochemical adj sensor) with gas)	USPAT	OR	ON	2006/09/26 18:35
S41	2	"6370940" and electrode	USPAT	OR	ON	2006/09/26 18:30
S42	1	"6370940" and electrode and membrane	USPAT	OR	ON	2006/09/26 18:30
S43	188	membranes and ((electrochemical adj sensor) with gas)	USPAT	OR	ON	2006/09/26 18:37
S44	62	membranes and ((electrochemical adj sensor) with gas)	USPAT	OR	OFF	2006/09/27 12:47